

(FILE 'HOME' ENTERED AT 15:25:16 ON 18 JUL 2000)

FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 15:28:06 ON 18 JUL 2000

L1 495200 S TRANSPLANT?  
L2 0 S L1 AND (NEURONAL ADJ CELL?)  
L3 352 S L1 AND (NEURONAL CELL?)  
L4 4194 S L1 AND (NEURONAL OR NEURON)  
L5 687 S L4 AND DOPAMINE  
L6 8 S L5 AND PROGENITOR  
L7 6 DUP REMOVE L6 (2 DUPLICATES REMOVED)  
L8 157 S L4 AND PROGENITOR  
L9 11 S L8 AND (TYROSINE HYDROXYLASE)  
L10 7 DUP REMOVE L9 (4 DUPLICATES REMOVED)  
L11 18 S L8 AND FETAL  
L12 67 S L8 AND STEM  
L13 1 S L8 AND LITHIUM  
L14 13 DUP REMOVE L11 (5 DUPLICATES REMOVED)  
L15 53 DUP REMOVE L12 (14 DUPLICATES REMOVED)  
L16 3 S L15 AND DOPAMINE  
L17 10 S L4 AND LITHIUM  
L18 9 DUP REMOVE L17 (1 DUPLICATE REMOVED)  
L19 41 S L4 AND (FETAL (P) STEM)  
L20 0 S L19 AND SERTOLI  
L21 28 DUP REMOVE L19 (13 DUPLICATES REMOVED)  
L22 0 S HUMAN POST-MITOTIC DOPAMINERGIC CELL  
L23 0 S HUMAN POST-MITOTIC DOPAMINERGIC  
L24 1 S L8 AND BCL-2

BEST AVAILABLE COPY

L14 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2000 ACS

AN 1999:528975 CAPLUS

DN 131:167377

TI Zinc and transition metal-chelating agents for controlling proliferation and differentiation of stem and progenitor cells

IN Peled, Tony; Fibach, Eitan; Treves, Avi; Friedman, Mark M.

PA Gamida Cell Ltd., Israel; Hadasit Medical Research Services and Development Ltd.

SO PCT Int. Appl., 60 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9940783	A1	19990819	WO 1999-US2664	19990208
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9926624	A1	19990830	AU 1999-26624	19990208
	WO 2000018885	A1	20000406	WO 1999-IL444	19990817
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 1998-24195		19980217		
	US 1998-130367		19980807		
	US 1998-161659		19980929		
	WO 1999-US2664		19990208		

RE.CNT 3

RE

(1) Narita; Cardiomyocyte differentiation by GATA-4-deficient embryonic stem cells Development 1996, V122(19), P3755

(2) Reid; J Immunology 1992, V149(8), P2681 CAPLUS

(3) Rosenthal; US 5631219 A 1997

L14 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2000 ACS

AN 1999:487467 CAPLUS

DN 131:115313

TI Methods and compositions for the identification of growth factor mimetics,

growth factors and inhibitors

IN Bowdish, Katherine S.

PA Prolifaron, Inc., USA

SO PCT Int. Appl., 123 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

BEST AVAILABLE COPY

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9938008	A1	19990729	WO 1999-US1331	19990122
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9923339	A1	19990809	AU 1999-23339	19990122
PRAI	US 1998-72253		19980123		
	WO 1999-US1331		19990122		

RE.CNT 6

RE

- (1) Baxter International Inc; WO 9425571 A1 1994 CAPLUS
- (2) Cytomed Inc; WO 9318136 A1 1993 CAPLUS
- (3) Heagy; US 5753516 A 1998 CAPLUS
- (4) Immunex Corporation; WO 9428391 A1 1994
- (6) The Regents Of The University Of Michigan; WO 9314188 A1 1993 CAPLUS

~~ALL CITATIONS AVAILABLE IN THE RE FORMAT~~

L14 ANSWER 3 OF 13 MEDLINE  
 AN 1999337952 MEDLINE  
 DN 99337952  
 TI Site-specific migration and neuronal differentiation of human neural progenitor cells after transplantation in the adult rat brain.  
 AU Fricker R A; Carpenter M K; Winkler C; Greco C; Gates M A; Bjorklund A  
 CS Wallenberg Neuroscience Center, Division of Neurobiology, Lund University, S-223 Lund, Sweden.  
 SO JOURNAL OF NEUROSCIENCE, (1999 Jul 15) 19 (14) 5990-6005.  
 Journal code: JDF. ISSN: 0270-6474.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199910  
 EW 19991001

L14 ANSWER 4 OF 13 MEDLINE DUPLICATE 1  
 AN 1998233838 MEDLINE  
 DN 98233838  
 TI Neural stem and progenitor cells: a strategy for gene therapy and brain repair.  
 AU Pincus D W; Goodman R R; Fraser R A; Nedergaard M; Goldman S A  
 CS Department of Neurological Surgery, The Neurological Institute, Columbia University College of Physicians and Surgeons, New York, New York, USA.  
 SO NEUROSURGERY, (1998 Apr) 42 (4) 858-67; discussion 867-8. Ref: 128  
 Journal code: NZL. ISSN: 0148-396X.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LA English  
 FS Priority Journals  
 EM 199809  
 EW 19980901

L14 ANSWER 5 OF 13 MEDLINE  
 AN 1999168614 MEDLINE  
 DN 99168614  
 TI The neuronal progenitor cells of the forebrain subventricular zone: intrinsic properties in vitro and following

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L21 ANSWER 1 OF 28 MEDLINE  
 AN 2000178800 MEDLINE  
 DN 20178800  
 TI **Fetal neuron** grafts pave the way for **stem**  
 cell therapies [news].  
 AU Barinaga M  
 SO SCIENCE, (2000 Feb 25) 287 (5457) 1421-2.  
 Journal code: UJ7. ISSN: 0036-8075.  
 CY United States  
 DT News Announcement  
 LA English  
 FS Priority Journals; Cancer Journals  
 EM 200005  
 EW 20000503

L21 ANSWER 2 OF 28 BIOSIS COPYRIGHT 2000 BIOSIS  
 AN 2000:288816 BIOSIS  
 DN PREV200000288816  
 TI Conditionally immortalized, multipotential and multifunctional neural  
 stem  
 cell lines as an approach to clinical **transplantation**.  
 AU Gray, J. A.; Grigoryan, G.; Virley, D.; Patel, S.; Sinden, J. D.; Hodges,  
 H.  
 SO Cell Transplantation, (March April, 2000) Vol. 9, No. 2, pp. 153-168.  
 print..  
 ISSN: 0963-6897.  
 DT General Review  
 LA English  
 SL English

L21 ANSWER 3 OF 28 CAPLUS COPYRIGHT 2000 ACS  
 AN 1999:528975 CAPLUS  
 DN 131:167377  
 TI Zinc and transition metal-chelating agents for controlling proliferation  
 and differentiation of stem and progenitor cells  
 IN Peled, Tony; Fibach, Eitan; Treves, Avi; Friedman, Mark M.  
 PA Gamida Cell Ltd., Israel; Hadasit Medical Research Services and  
 Development Ltd.  
 SO PCT Int. Appl., 60 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9940783	A1	19990819	WO 1999-US2664	19990208
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9926624	A1	19990830	AU 1999-26624	19990208
	WO 2000018885	A1	20000406	WO 1999-IL444	19990817
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD,				

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MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK,  
SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY,  
KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,  
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,  
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRAI US 1998-24195 19980217  
US 1998-130367 19980807  
US 1998-161659 19980929  
WO 1999-US2664 19990208

RE.CNT 3

RE

- (1) Narita; Cardiomyocyte differentiation by GATA-4-deficient embryonic stem cells Development 1996, V122(19), P3755
- (2) Reid; J Immunology 1992, V149(8), P2681 CAPLUS
- (3) Rosenthal; US 5631219 A 1997

L21 ANSWER 4 OF 28 CAPLUS COPYRIGHT 2000 ACS

AN 1999:487467 CAPLUS

DN 131:115313

TI Methods and compositions for the identification of growth factor mimetics,

growth factors and inhibitors

IN Bowdish, Katherine S.

PA Prolifaron, Inc., USA

SO PCT Int. Appl., 123 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9938008	A1	19990729	WO 1999-US1331	19990122
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9923339	A1	19990809	AU 1999-23339	19990122

PRAI US 1998-72253 19980123

WO 1999-US1331 19990122

RE.CNT 6

RE

- (1) Baxter International Inc; WO 9425571 A1 1994 CAPLUS
  - (2) Cytomed Inc; WO 9318136 A1 1993 CAPLUS
  - (3) Heagy; US 5753516 A 1998 CAPLUS
  - (4) Immunex Corporation; WO 9428391 A1 1994
  - (6) The Regents Of The University Of Michigan; WO 9314188 A1 1993 CAPLUS
- ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 5 OF 28 CAPLUS COPYRIGHT 2000 ACS

AN 1999:622237 CAPLUS

DN 131:240080

TI Engraftable human neural stem cells for gene therapy

IN Snyder, Evan Y.; Wolfe, John H.; Kim, Seung U.

PA The Children's Medical Center Corp., USA

SO U.S., 18 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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BEST AVAILABLE COPY

PI US 5958767 A 19990928 US 1998-133873 19980814  
 WO 2000009668 A1 20000224 WO 1999-US17801 19990805  
 W: AU, CA, JP  
 RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
 PT, SE  
 PRAI US 1998-133873 19980814  
 RE.CNT 2  
 RE  
~~(1) Johe; US 5753506 1998~~  
 (2) Weiss; US 5750376 1998

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L21 ANSWER 6 OF 28 MEDLINE DUPLICATE 1  
 AN 1999439259 MEDLINE  
 DN 99439259  
 TI Isolation and intracerebral grafting of nontransformed multipotential  
 embryonic human CNS stem cells.  
 AU Vescovi A L; Gritti A; Galli R; Parati E A  
 CS National Neurological Institute C. Besta, Milan, Italy.. vescovi@tin.it  
 SO JOURNAL OF NEUROTRAUMA, (1999 Aug) 16 (8) 689-93.  
 Journal code: J82. ISSN: 0897-7151.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200001  
 EW 20000104

L21 ANSWER 7 OF 28 MEDLINE  
 AN 1999343437 MEDLINE  
 DN 99343437  
 TI Establishment and properties of neural stem cell clones: plasticity in  
 vitro and in vivo.  
 AU Vescovi A L; Snyder E Y  
 CS Laboratory of Neuropharmacology, National Neurological Institute C.  
 Besta,  
 Milan, Italy.  
 SO BRAIN PATHOLOGY, (1999 Jul) 9 (3) 569-98. Ref: 143  
 Journal code: BYB. ISSN: 1015-6305.  
 CY Switzerland  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LA English  
 FS Priority Journals  
 EM 199912  
 EW 19991201

L21 ANSWER 8 OF 28 CAPLUS COPYRIGHT 2000 ACS  
 AN 1999:130138 CAPLUS  
 DN 130:333269  
 TI Neurite outgrowth from progeny of epidermal growth factor-responsive  
 hippocampal **stem** cells is significantly less robust than from  
**fetal** hippocampal cells following grafting onto organotypic  
 hippocampal slice cultures: Effect of brain-derived neurotrophic factor  
 AU Shetty, Ashok K.; Turner, Dennis A.  
 CS Departments of Surgery (Neurosurgery) and Neurobiology, Duke University  
 Medical Center, Durham, NC, 27710, USA  
 SO J. Neurobiol. (1999), 38(3), 391-413  
 CODEN: JNEUBZ; ISSN: 0022-3034  
 PB John Wiley & Sons, Inc.  
 DT Journal  
 LA English  
 RE.CNT 83  
 RE  
 (1) Ahmed, S; J Neurosci 1995, V15, P5765 CAPLUS  
 (3) Ballarin, M; Exp Neurol 1991, V114, P35 CAPLUS

BEST AVAILABLE COPY

L10 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2000 ACS

AN 2000:98723 CAPLUS

DN 132:127695

TI Production and use of dopaminergic cells to treat dopaminergic deficiencies

IN McGrogan, Michael P.; Snable, Gary L.

PA Layton Bioscience, Inc., USA

SO PCT Int. Appl., 48 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000006700	A1	20000210	WO 1998-US23977	19981110

W: CA, JP, US

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

PRAI US 1998-94515 19980729

RE.CNT 5

RE

(1) Adams, F; Neurochemical Research 1996, V21(5), P619 CAPLUS

(2) Langeveld, C; Neuroscience Letters 1995, V192, P13 CAPLUS

(3) Lee; US 5175103 A 1992

(4) Pekosz, A; Journal of Virology 1996, V70(8), P5329 CAPLUS

(5) Sandberg, P; Nature Medicine 1997, V3(10), P1129

L10 ANSWER 2 OF 7 MEDLINE

DUPLICATE 1

AN 1999346111 MEDLINE

DN 99346111

TI In vitro expansion of a multipotent population of human neural progenitor cells.

AU Carpenter M K; Cui X; Hu Z Y; Jackson J; Sherman S; Seiger A; Wahlberg L

U  
CS Cell and Molecular Neurobiology, CytoTherapeutics, Inc., Lincoln, Rhode Island, 02865, USA.. mcarpenter@geron.com

SO EXPERIMENTAL NEUROLOGY, (1999 Aug) 158 (2) 265-78.

Journal code: EQF. ISSN: 0014-4886.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199910

L10 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2000 ACS

AN 1999:218027 CAPLUS

DN 130:221670

TI Pharmaceuticals containing multipotential precursor cells from tissues containing sensory receptors

IN Gloster, Andrew; Miller, Freda

PA McGill University, Can.

SO Can. Pat. Appl., 51 pp.

CODEN: CPXXEB

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CA 2213780	AA	19980226	CA 1997-2213780	19970822

PRAI US 1996-24590 19960826

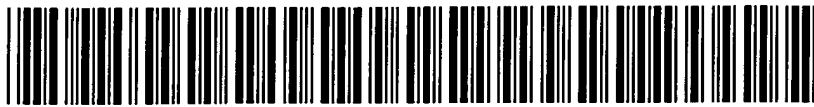
BEST AVAILABLE COPY

L25 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2000 ACS  
 AN 2000:378161 CAPLUS  
 DN 133:27162  
 TI In vivo genetic modification of growth factor-responsive neural precursor cells  
 IN Weiss, Samuel; Reynolds, Brent; Hammang, Joseph P.; Baetge, E. Edward  
 PA NeuroSpheres Holdings Ltd., Can.  
 SO U.S., 42 pp., Cont.-in-part of U.S. Ser. No. 385,404, abandoned.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6071889	A	20000606	US 1995-479795	19950607
	WO 9301275	A1	19930121	WO 1992-CA283	19920707
	W: AU, CA, FI, JP, NO, RU, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, MC, NL, SE				
	AU 9222425	A1	19930211	AU 1992-22425	19920707
	AU 6				

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Team: OIPEBackFileIndexing  
Dossier: 09494088

Legal Date: 08-07-2000

No.	Doccode	Number of pages
1	IDS	2
2	NPL	7
3	NPL	9
4	NPL	12

Total number of pages: 30

Remarks:

Order of re-scan issued on .....